IN THE CLAIMS

Please add claims 18 - 22, and further amend the claims to read as indicated below.

1. (currently amended) A method ~~for controlling a computer entity to participate in a peer to peer network of a plurality of computer entities,~~ performed by a first computer entity, said method comprising:
~~for each computer entity:~~
operating a peer to peer protocol for enabling said <u>first</u> computer entity to utilise ~~resources~~ <u>a</u>
<u>resource</u> of ~~at least one other said~~ <u>a second</u> computer entity ~~of said~~ <u>in a peer to peer</u> network,
and for enabling ~~at least one other said~~ <u>said second</u> computer entity ~~of said network~~ to utilise
~~resources~~ <u>a resource</u> of said <u>first</u> computer entity <u>in aid peer to peer network</u>; and
~~said computer entity automatically~~ operating a process, <u>in cooperation with a third computer entity</u>
<u>of said peer to peer network,</u> for managing ~~at least one other~~ <u>said second</u> computer entity ~~in~~
~~said network,~~
<u>wherein said process is automatically invoked</u> whenever said <u>first</u> computer entity takes part in said
peer to peer network using said peer to peer protocol.

2. (currently amended) The method as claimed in claim 1, wherein said process ~~of managing at least one other computer entity in said network~~ comprises:
determining ~~at least one~~ <u>a</u> policy by which said <u>first</u> computer entity will interact with said ~~at least~~
~~one other~~ <u>second</u> computer entity.

3. (currently amended) The method as claimed in claim 1, wherein said process ~~of managing at least one other computer entity~~ comprises:
adopting a policy towards said ~~at least one other~~ <u>second</u> computer entity, <u>wherein</u> said policy <u>is</u>
selected from a set of pre-determined polices for determining a relationship between said <u>first</u>
computer entity and said ~~at least one other~~ <u>second</u> computer entity.

4. (currently amended) The method as claimed in claim 1, wherein managing ~~at least one other~~ said second computer entity ~~in said network~~ comprises a process selected from the ~~set~~ group consisting of:

placing said ~~at least one other~~ second computer entity in quarantine;

controlling access by said ~~at least one~~ second computer entity to a communal ~~resources~~ resource stored on said first computer entity; ~~or~~ and

applying a charge for utilisation by said ~~at least one other~~ second computer entity of a communal resource.

5. (currently amended) A method ~~of managing a network comprising a plurality of peer to peer computers, said method comprising;~~ performed by a first computer entity in a peer to peer network, said method comprising:

~~at each said computer entity;~~

determining ~~locally at said computer entity~~ a local policy for management of ~~at least one target~~ a second computer entity ~~comprising~~ in said peer to peer network;

receiving ~~a plurality of local policy messages from a plurality of computer entities comprising,~~ from a third computer entity in said peer to peer network, ~~each said local policy~~ a message describing a ~~local policy applied at a corresponding respective said computer entity to said target~~ policy determined by said third computer entity for management of said second computer ~~entity,~~ entity; and

determining from said ~~plurality of received local policy data~~ policy determined by said third computer entity, and from said ~~locally generated~~ local policy, a network management policy to be applied by said first computer entity to said ~~target~~ second computer entity ~~by said local computer entity~~.

6. (currently amended) The method as claimed in claim 5, further comprising:

broadcasting said network management policy to a plurality of peer computers within said peer to peer network.

7. (currently amended) The method as claimed in claim 5, comprising:

monitoring said ~~at least one target~~ second computer entity; and

depending upon a result of said monitoring, adopting a pre-determined policy from a stored set of policies, and applying said pre-determined policy to said ~~at least one target~~ second computer entity.

8. (currently amended) The method as claimed in claim 5, wherein a said network management policy comprises a policy selected from the ~~set~~ group consisting of:

a policy for determining whether or not to place ~~a faulty~~ said second computer entity into quarantine;

a policy for generating a virus alert message for alerting other computer entities in the peer to peer network that a said ~~target~~ second computer entity has a virus;

a policy for generating a fault alert message for alerting other computer entities in the peer to peer network that said ~~target~~ second computer entity is faulty;

a policy determining whether to exclude said ~~target~~ second computer entity from accessing a particular type of resource;

a policy for determining whether to exclude said ~~target~~ second computer entity from the peer to peer network;

a policy for control of access by said ~~target~~ second computer entity to a communal resource; and

a charging policy for charging said ~~target~~ second computer entity for accessing a resource.

9. (currently amended) The method as claimed in claim 5, comprising applying a monitoring operation to said ~~target~~ second computer entity, wherein said monitoring operation is selected from the ~~set~~ group consisting of:

a monitoring operation for remote virus scanning of said ~~target~~ second computer;

a monitoring operation for observing a group behavior of a group of target computer entities within said peer to peer network;

a monitoring operation for detecting a security breach in said peer to peer network;

a monitoring operation for detecting a performance problem of said ~~at least one target~~ second computer.

10. (currently amended) The method as claimed in claim 5, wherein said ~~step of~~ determining ~~a~~ said network management policy comprises:

> applying a voting protocol ~~for adopting~~ in which said first and third computer entities vote, and
>> thereby adopt a common policy ~~amongst a plurality of said computer entities~~ for said network management policy.

11. (currently amended) A <u>first</u> computer entity comprising:

a peer to peer networking component for allowing said <u>first</u> computer entity to engage other
> computer entities <u>in a peer to peer network</u> on a peer to peer basis; and

a network management component for enabling ~~a~~ said <u>first</u> computer entity to participate in
> management of <u>a second computer entity in</u> ~~a~~ said peer to peer network, <u>in cooperation with a</u>
> <u>third computer entity in said peer to peer network</u> ~~wherein~~,

<u>wherein</u> said network management component is configured to operate <u>automatically,</u> whenever
> said peer to peer networking component operates to allow said computer entity to take part in
> said peer to peer network.

12. (currently amended) The <u>first</u> computer entity as claimed in claim 11, ~~configured such that~~
<u>wherein</u> said <u>network</u> management component is activated whenever said peer to peer ~~network~~
<u>networking</u> component is operational.

13. (currently amended) The <u>first</u> computer entity as claimed in claim 11, wherein said network
management component comprises ~~a~~ program data ~~which~~ <u>that</u> controls ~~said~~ resources <u>of said peer to peer</u>
<u>network</u> to perform a network management service.

14. (currently amended) The <u>first</u> computer entity as claimed in claim 11, wherein said network
management component ~~operates to apply at least one~~ <u>applies a</u> policy for determining a mode of
operation of said <u>first</u> computer entity in relation to ~~at least one other said computer~~ <u>said second computer</u>
entity ~~of said network~~.

15. (currently amended) The first computer entity as claimed in claim 11, wherein said network

management component operates to:

    communicate with a plurality of other computer entities of said network for sending and receiving

        policy data concerning an operational policy towards ~~a target~~ said second computer entity;

        and

    determine, from a consideration of policy data received from said other computer entities, a global

        policy to be adopted by each computer entity in said network, towards ~~a~~ said ~~target~~ second

        computer entity.

16. (currently amended) A data storage media comprising:

program data for controlling a first computer entity to ~~participate in a peer to peer network, said~~

        ~~program data comprising instructions for~~ perform a method that includes:

    operating a peer to peer protocol for enabling said first computer entity to utilise ~~resources~~ a

        resource of ~~at least one other~~ a second computer entity ~~of said~~ in a peer to peer network,

        and for enabling ~~at least one other~~ said second computer entity ~~of said network~~ to utilise

        ~~resources~~ a resource of said first computer entity in said peer to peer network; and

    ~~automatically~~ operating a process, in cooperation with a third computer entity in said peer to

        peer network, for managing ~~at least one other~~ said second computer entity ~~of said~~

        ~~network,~~

    wherein said process is automatically invoked whenever said first computer entity takes part

        in said peer to peer network using said peer to peer protocol.

17. (currently amended) A method ~~for controlling a computer entity to participate in a peer to peer~~

~~network of a plurality of computer entities~~ performed by a first computer entity, said method comprising:

    ~~for each computer entity:~~

operating a peer to peer protocol for enabling said first computer entity to utilise ~~resources~~ a

        resource of ~~at least one other said~~ a second computer entity ~~of said~~ in a peer to peer network,

and for enabling ~~at least one other~~ said second computer entity ~~of said network~~ to utilise ~~resources~~ a resource of said first computer entity in said peer to peer network; and managing ~~at least one other~~ said second computer entity ~~in said network,~~ in cooperation with a third computer entity in said peer to peer network.

18. (new) The method of claim 1, wherein said process includes considering whether said second computer entity allows said first computer entity to utilise said resource of said second computer entity.

19. (new) The method of claim 5, wherein said determining said network management policy includes considering whether said second computer entity allows said first computer entity to utilise a resource of said second computer entity.

20. (new) The first computer entity of claim 11, wherein said network management component considers whether said second computer entity allows said first computer entity to utilise a resource of said second computer entity.

21. (new) The data storage media of claim 16, wherein said process for managing said second computer entity includes considering whether said second computer entity allows said first computer entity to utilise said resource of said second computer entity.

22. (new) The method of claim 17, wherein said managing considers whether said second computer entity allows said first computer entity to utilise said resource of said second computer entity.